

CITY OF FLORIDA CITY
 Building and Zoning Department
 404 West Palm Drive Florida City, FL 33034
 305-247-8222

ROOFING PERMIT APPLICATION

IF SUBSIDIARY, PROVIDE MASTER PERMIT NUMBER HERE:

Location of Improvements

Address _____ Unit _____
 Folio _____

Contractor Information

Cert.No. _____
 Contractor Name _____
 Qualifier Name _____
 Qualifier SS _____
 Address _____
 City _____ St _____ Zip _____
 Phone _____

Use of Property

Current Use _____
 Description of Work _____

Value of Work _____

Type of Improvements

() New Construction () Repair
 () Alteration Interior () Repair due to Fire
 () _____ () Renewal
 () _____ () Change of Contractor

Owner Information

Name _____
 Address _____
 City _____ St _____ Zip _____
 Phone _____

Architect/ Engineer

Name _____
 Address _____
 City _____ St _____ Zip _____
 Phone _____

Item

Oty

Shingle (Sq. Ft.)

Clay (Sq. Ft.)

Cement (Sq. Ft.)

Built Up (Sq. Ft.)

Repairs (Value of Work)

Other

Application is hereby made to obtain a permit to do the work and installation as indicated. I certify that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that separate permits are required for Building, Electrical, Plumbing, Signs, Pools, Mechanical, Window, Shutters and Roofing work and there may be additional permits required from other governmental agencies.

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate.

WARNING TO OWNER: If your job cost exceeds \$2500.00 you must file a Notice of Commencement with the Clerk of the Courts in Miami-Dade County. Failure to do so may result in you paying twice for the improvements to your property. if you intend to obtain financing, consult your attorney or lender before recording your Notice of Commencement.

Signature of Owner or Owner's Agent

Print Name _____

Sworn to and subscribed to me this ____ day of _____ 20

Personally known () Produced Identification ()

Type of Identification Produced _____

Signature of Qualifier

Print Name _____

Sworn to and subscribed to me this ____ day of _____ 20

Personally known () Produced identification ()

Type of Identification Produce _____

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High Velocity Hurricane Zone Uniform Roofing Permit Application Form

INSTRUCTION PAGE

COMPLETE THE NECESSARY SECTIONS OF THE UNIFORM ROOFING PERMIT APPLICATION FORM AND ATTACH THE REQUIRED DOCUMENTS AS NOTED BELOW.

Roof System	Required Sections of the Permit Application Form	Attachments Required See List Below
Low Slope Application	A, B, C	1,2,3,4,5,6,7
Prescriptive BUR RAS 150	A, B,C	4,5,6,7
Asphaltic Shingles	A, B, D	1,2,4,5,6,7
concrete or Clay Tile	A, B, D, E	1,2,3,4,5,6,7
Metal Roofs	A, B, D	1,2,3,4,5,6,7
Wood Shingles and Shakes	A, B, D	1,2,4,5,6,7
Other	As Applicable	1,2,3,4,5,6,7

ATTACHMENTS REQUIRED

1. Fire Directory Listing Page
2. From the Miami-Dade County Notice of Acceptance

NOA Cover Sheet
NOA Specific System Description
NOA Specific System Limitations
NOA General Limitations
Applicable Detail Drawings

3. Design Calculations per Chapter 16, or if applicable, RAS 127 or RAS 128
4. Other Component Notice of Acceptances
5. Municipal Permit Application
6. Owners Notification for Roofing Considerations (Appendix " F" Form) Re-roofing or Repairs Only
7. Any Required Roof Testing / Calculation Documentation

Any other additional data reasonably required by the Building Official to determine the integrity of the roofing system.

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Section A (General Information)

Master Permit No. _____

Contractor's Name: _____ Job Address: _____

Roof Category

- | | | |
|---|---|---|
| <input type="checkbox"/> Low Slope | <input type="checkbox"/> Mechanically Fastened Tile | <input type="checkbox"/> Mortar/Adhesive Set Tile |
| <input type="checkbox"/> Asphaltic Shingles | <input type="checkbox"/> Metal Panel/Shingles | <input type="checkbox"/> Wood Shingles/Shakes |
| <input type="checkbox"/> Prescriptive BUR-RAS 150 | <input type="checkbox"/> Other: _____ | |

Roof Type

- ☐ New Roof ☐ Re-Roofing ☐ Recovering ☐ Repair ☐ Maintenance

Are there Gas Vent Stacks located on the roof? ☐ Yes ☐ No If yes, what type? ☐ Natural ☐ LPGX

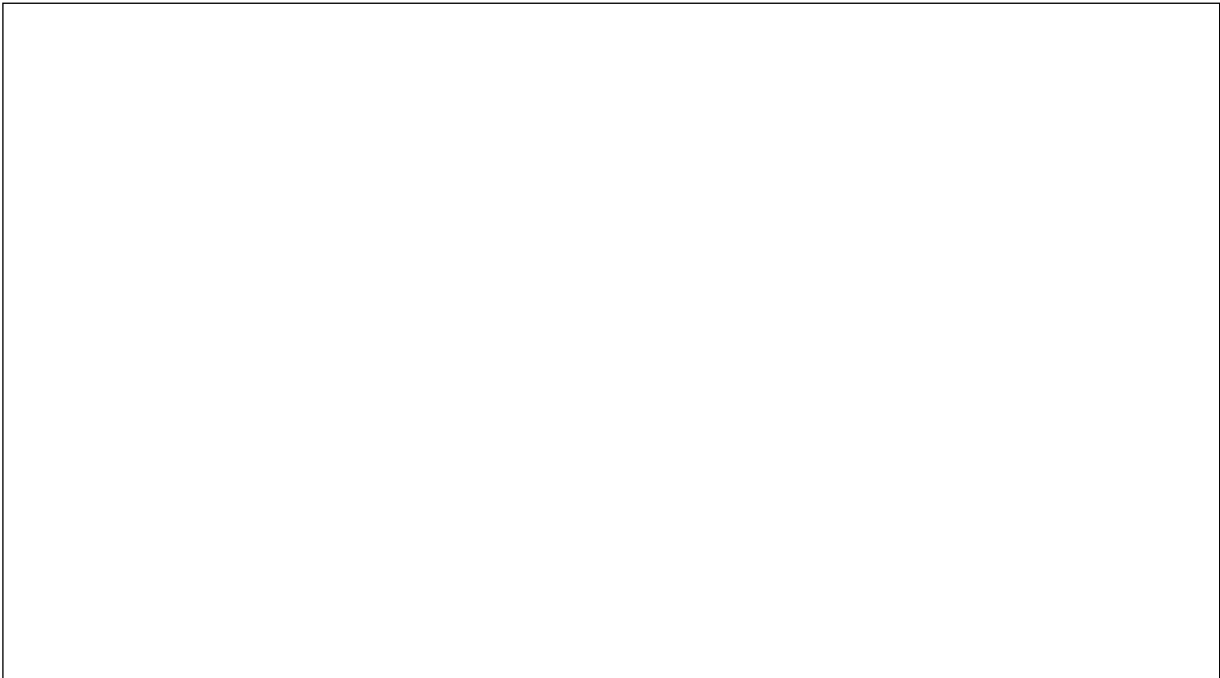
Roof System Information

Low slope roof area (ft.2) _____, Steep Sloped area (ft.2) _____ Total (ft.2) _____

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels. Clearly identify dimensions of elevated pressure zones and location of parapets.

Perimeter Width (a'): _____ Corner Size (a' x a'): _____



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Section C (Low Sloped Roof System)

Fill In the Specific Roof Assembly components and Identify Manufacturer
(If a component is not used, identify as "NA")

System Manufacturer:

NOA No: _____

Design Wind Pressures, From RAS 128 or Calculations:

Pmax1: _____ Pmax2: _____

Pmax3: _____

Maximum Design Pressure, From the Specific

NOA System: _____

Deck type: _____

Other Deck Type: _____

Joist Spacing: _____

Slope: _____

Anchor/Base Sheet & No. of Ply(s):

Anchor/Base Sheet & Fastener / Bonding Material:

Insulation Base Layer/Size & Thickness.

Base Insulation Fastener/Bonding Material.

Top Insulation Fastener/Bonding Material:

Insulation Top Layer/Size & Thickness:

Wood Nailer:

Base Sheet(s) & No. of Ply(s):

Sheet Fastener/Bonding Material:

Ply Sheet(s) & of Ply(s):

Ply Sheet Fastener/Bonding Material*

Drip Edge Size & Gauge. _____

Drip Edge Material Type: _____

Hook Strip/Cleat gauge or weight: _____

Coping Metal: _____

Top Ply: _____

Top Ply Fastening/Bonding Material:

Surfacing.

FASTENER SPACING FOR BASESHEET ATTACHMENT

Fastener Type:

Alternate Fasteners: _____

1. Field: _____ " o/c @ laps & _____ rows @ _____ o/c

2. Perimeter: _____ " o/c @ laps & _____ rows @ _____ o/c

3. Corners: _____ " o/c @ laps & _____ rows @ _____ o/c

NUMBER OF FASTENERS PER INSULATION BOARD

Field: _____ Perimeter: _____ Corner: _____

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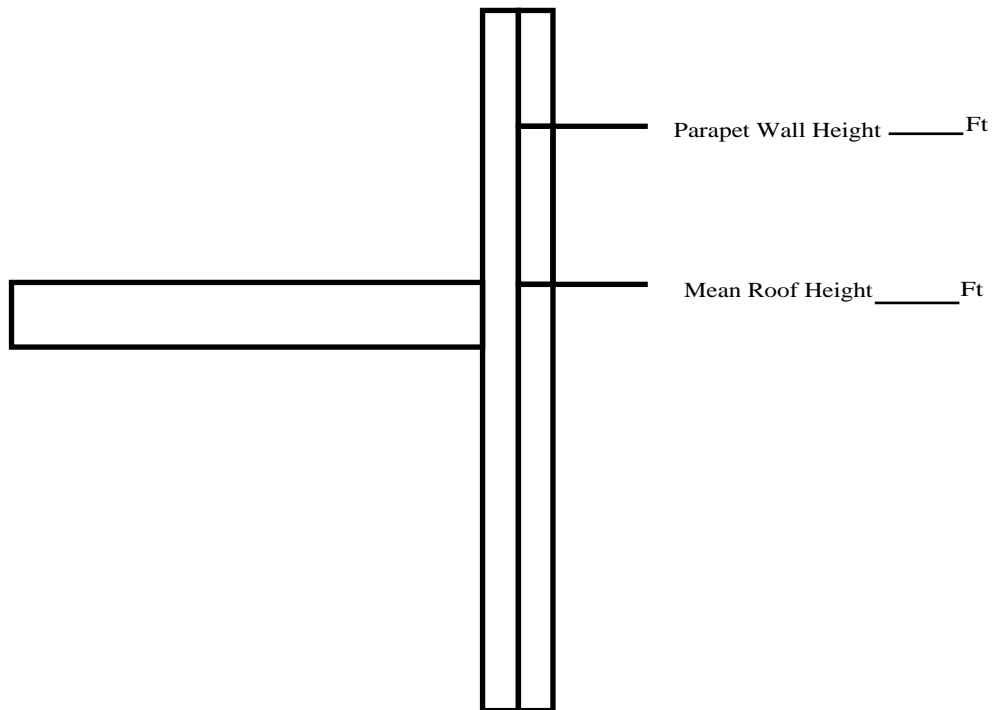
High Velocity Hurricane Zone Uniform Roofing Permit Application Form

Illustrate Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Terminations/Stripping/Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counterflashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing

OR: Submit Manufacturers Details that Comply with RAS-1 1 1 and Chapter 16.

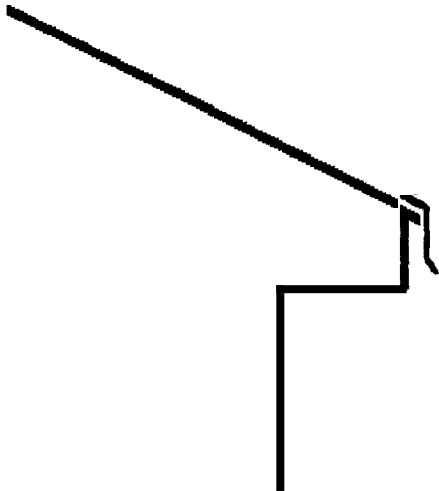


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High Velocity Hurricane Zone Uniform Roofing Permit Application Form

Section D (Steep Sloped Roof System)

Roof System Manufacturer:
Notice of Acceptance Number:
Minimum Design Wind Pressures, if Applicable (from RAS 127 Calculations): <div style="text-align: center; margin-top: 10px;">P1: P 2: P3:</div>
Maximum Design Wind Pressures, (From the PCA Specific system):

Sloped System Description



Roof Slope: _____ "/12"

Roof Mean Height _____

Ridge Ventilation: _____

Method of Tile Attachment: _____

Alternate Tile Attachment Method. _____

Clip Spacing for Metal Roof Panels

Field: _____ Perimeters: _____

Perimeter Width: _____

Deck Type: _____

Alternate Deck Type: _____

Underlayment type: _____

insulation/Fire Barrier Board _____

Optional Nailable Substrate: _____

Fasteners: _____

Cap Sheet Type/Adhesive Type: _____

Roof Covering. _____

Roof Covering Attachment Method: _____

Drip Edge Size & Gauge: _____

Drip Edge Material Type: _____

Drip Edge Fastener Type: _____

Hook Strip/Cleat ga. or weight: _____

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Section E (Tile Calculations)

For Moment based tile systems, chose either Method 1 or 2. Compare the values for Mr with the values from Mf. If the Mf values are greater than or equal to the Mr values, for each area of the roof, then the tile attachment method is acceptable.

Method 1 "Moment Based Tile Calculations Per RAS 127"

- Mg:
P 1: _____ x A _____ = Mr1 _____ NOA Mf: _____
- Mg:
P 2: _____ x A _____ = Mr1 _____ NOA Mf: _____
- Mg:
P 3: _____ x A _____ = Mr1 _____ NOA Mf: _____

Method 2 "Simplified Tile Calculation Per Table Below"

Required Moment of Resistance (Mr) From the Table Below: _____ NOA Mf: _____
Mr Required Moment Resistance*

Mean Roof Height in Feet	15'	20'	25'	30'	40'
Roof Slope					
2:12	34.4	36.5	38.2	39.7	42.2
3:12	32.2	34.4	36.0	37.4	39.8
4:12	30.4	32.2	33.8	35.1	37.3
5:12	28.4	30.1	31.6	32.8	34.9
6:12	26.4	28.0	29.4	30.5	32.4
7:12	24.4	25.9	27.1	28.2	30.0

*This Table must be used in conjunction with a list of moment based tile systems endorsed by the Broward county Board of Rules and Appeals.

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For Uplift based tile systems use Method 3. Compare the values for F' with the values for Fr. If the F' values are greater than or equal to the Fr values, for each area of the roof, then the tile attachment method is acceptable.

Method 3 "Uplift Based Tile Calculations Per RAS 127"

(P1: _____ x l: _____ = _____ x w: _____)-w: _____ x cos 0 = Fr1 _____

(P2: _____ x l: _____ = _____ x w: _____)-w: _____ x cos 0 = Fr1 _____

(P3: _____ x l: _____ = _____ x w: _____)-w: _____ x cos 0 = Fr1 _____

NOA F' _____

Where to Obtain Information

Description	Symbol	Where to Find
Design Pressure	Pl or P2 or P3	RAS 127 Table 1 or by an engineering analysis prepared by a P.E. based on ASCE 7-98
Mean Roof Height	H	Job Site
Roof Slope	0	Job Site
Aerodynamic Multiplier	,k	NOA
Restoring Moment due to Gravity	Mg	NOA
Attachment Resistance	Mf	NOA
Required Moment Resistance	Mr	Calculated
Minimum Attachment Resistance	F	NOA
Required Uplift Resistance	Fr	Calculated
Average Tile Weight	W	NOA
Tile Dimensions	l = length w = width	NOA

All calculations must be submitted to the Building Official at the time of permit application.

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Owner's Notification for Roofing Permits issued under the Florida Building Code

Section 1524 - High Velocity Hurricane Zones Required Owners Notification for Roofing Considerations

1624.1 As it pertains to this section, it is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this section.. The provisions of Chapter 15 of the Florida Building Code, Building govern the minimum requirements and standards of the industry for roofing system installations. Additionally, the following items should be addressed as part of the agreement between the owner and the contractor. The owner's initial in the adjacent box indicates that the item has been explained.

_____ **1. Aesthetics-Workmanship:** The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) issues are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

_____ **2. Renailing Wood Decks:** When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

_____ **3. Common Roofs:** Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

_____ **4. Exposed Ceilings:** Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance, therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The Florida Building Code provides the option of maintaining this appearance.

_____ **5. Ponding Water:** The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

_____ **6. Overflow scuppers (wall outlets):** It is required that rainwater flow off so that the roof is not overloaded from a build up of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the Florida Building Code, Plumbing.

_____ **7. Ventilation:** Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced. It may be beneficial to consider additional venting which can result in extending the service life of the roof.

Owner's / Agent's Signature

_____/_____
Date

Contractor's Signature